

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	43429	bit near3 map\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/11 06:32
L2	3155	(higher-order or (higher adj1 order)) WITH modulat\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/11 06:33
L3	328	l1 and l2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/11 06:33
L4	1	quarter SAME constell\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/11 06:34
L5	1	quarter WITH constell\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/11 06:34
L6	40	quarter WITH constellation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/11 06:35
L7	7	(form\$3 or creat\$4 or configurat\$4 or arrang\$5) SAME (quarter WITH constellation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/11 06:43

## EAST Search History

L8	4	("4283682"   "4648100").PN. OR ("5684842").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/11 06:44
L9	62892	("375"/\$3).cccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/11 07:07
L10	206	("375"/\$3).cccls. and constellation and (rotat\$3 near3 degree) and symbol\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/11 08:48
L12	45	("4581601"   "4586182"   "4755998"   "4807253"   "4873701"   "4888779"   "4894844"   "4959842").PN. OR ("5150381").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/11 07:50
L13	37	("4791654"   "5150381"   "5321725"   "5394437"   "5406583"   "5493586"   "5528625").PN. OR ("5862179").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/11 07:51
L14	45	("4581601"   "4586182"   "4755998"   "4807253"   "4873701"   "4888779"   "4894844"   "4959842").PN. OR ("5150381").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/11 09:16
S1	38	((GOTTFRIED) near2 (UNGERBOECK)).INV.	US-PGPUB; USPAT	ADJ	ON	2007/05/22 14:57
S2	2	"20050163242"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/22 14:12
S3	3667	"BROADCOM CORPORATION"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/22 14:58

## EAST Search History

S4	43259	bit near3 map\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/11 06:33
S5	443	S3 and S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/22 14:59
S6	350	higher-order modulat\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/22 15:00
S7	1975	(higher-order or (higher adj1 order)) NEAR3 modulat\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/22 15:01
S8	3127	(higher-order or (higher adj1 order)) WITH modulat\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/22 15:01
S9	89	S3 and S8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/22 15:14
S10	2	"20050265492"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/22 15:14

## EAST Search History

S11	43259	bit near3 map\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/23 08:09
S12	3127	(higher-order or (higher adj1 order)) WITH modulat\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/23 08:22
S13	1289	M-ary near3 modulati\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/23 08:16
S14	1554	(M-ary or M\$1ary or M adj1 ary) near3 modulati\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/23 08:13
S15	1540	(M-ary or M\$1ary ) near3 modulati\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/23 08:13
S17	18308	(variable-size or variable adj1 size)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/23 08:17
S18	7	S13 and S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/23 08:16

## EAST Search History

S19	1	(variable-size or variable adj1 size) same (higher-order or (higher adj1 order)) WITH modulat\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/23 08:17
S20	1	(variable-size or variable adj1 size) WITH (higher-order or (higher adj1 order)) WITH modulat\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/23 08:18
S21	312	(variable-size or variable adj1 size) AND (higher-order or (higher adj1 order)) AND modulat\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/23 11:43
S22	896	(375/261).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/23 08:22
S23	5311	(higher-order or (higher adj1 order)) SAME modulat\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/23 08:23
S24	55	S22 and S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/23 08:23
S25	9	("5406570"   "5446747"   "5563897"   "6029264"   "6065147"   "6119264"   "6122763"   "6215813"   "6690739").PN. OR ("7065695").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/23 08:41

## EAST Search History

S27	768	m-qam or m\$1qam	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/23 08:59
S28	258	S11 and S27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/23 11:37
S29	7	construct\$4 near3 (higher-order or (higher adj1 order)) near3 constellat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/23 11:39
S30	8	construct\$4 WITH (higher-order or (higher adj1 order)) near3 constellat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/23 11:40
S31	0	construct\$4 WITH (m-qam or m\$1qam) near3 constellat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/23 11:41
S32	9	construct\$4 SAME (m-qam or m\$1qam) near3 constellat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/23 11:41
S33	749	(varia\$4 WITH (higher-order or (higher adj1 order))) AND modulat\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/23 11:44

## EAST Search History

S34	8	(varia\$4 WITH (higher-order or (higher adj1 order))) NEAR4 modulat\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/23 11:47
S35	3	rotat\$4 and (varia\$4 WITH (higher-order or (higher adj1 order))) NEAR4 modulat\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/23 11:48
S36	7	rotat\$4 and (varia\$4 SAME (higher-order or (higher adj1 order))) NEAR4 modulat\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/23 11:48
S37	31	("4462101"   "5233629"   "5233630"   "5396518"   "5428631"   "5469452"   "5535228"   "5602583"   "5633881"   "5757856").PN. OR ("5878085").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/23 11:49